

ABSTRACT

An implantable constriction device for forming a restricted stoma opening in the stomach or esophagus of a patient comprises an elongate composite structure adapted to constrict the stomach or esophagus of the patient. The elongate composite structure is composed of a base material, such as hard silicone, making the composite structure self-supporting. Property improving means is provided for improving at least one physical property of the composite structure other than self-supporting properties, such as fatigue resistance, liquid impermeability, aggressive body cells resistance, anti-friction properties and lifetime.